In-tube, homogeneous detection of PCR product by EtBr fluorescence

0 cycles of PCR:

1 = no primers

2 = DQa primers + no target DNA

exposure 2 second

1/2 second

3 = DQa primers + DQa target

25 cycles of PCR:

exposure

5 = DQa primers + no target

+ DOb target

4 = DQa primers

EtBr fluorescence measurement over PCR time-course: male DNA detection

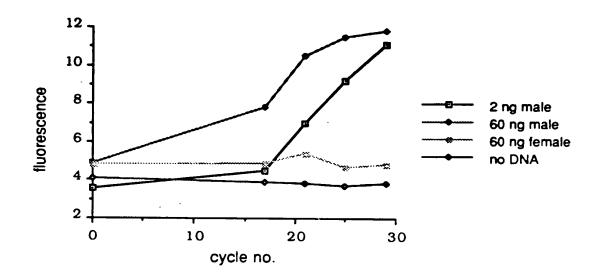


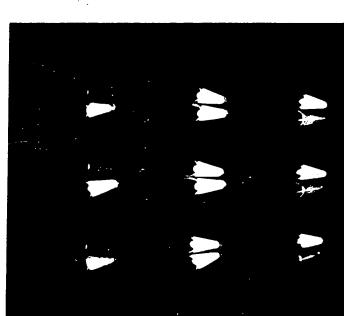
Fig 2

EtBr-Fluorescence/PCR screen for Sickle Cell Anemia

In tube detection of allele-specific amplification product

Homozygous SS







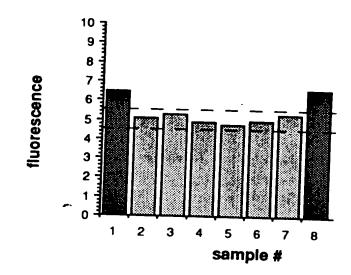


Figure 4B

